



RADIOLOGICAL IMAGE ARCHIVING SYSTEM
JUSTIFICATION CONFIGURATOR

PLEASE FILL OUT THE FOLLOWING INFORMATION:

44 HOW MANY EXAMS / DAY EXAMS 46

48 HOW MANY IMAGES / EXAM IMAGES 50

52 HOW MANY MB / IMAGE MBs 54

56 HOW MANY WORKDAYS / YEAR DAYS 58

60 EXECUTE CALCULATION 62 RESET VALUES

FIG. 3

RADIOLOGICAL IMAGE ARCHIVING SYSTEM
JUSTIFICATION CONFIGURATOR

PLEASE FILL OUT THE FOLLOWING INFORMATION:

44 HOW MANY EXAMS / DAY EXAMS 46

48 HOW MANY IMAGES / EXAM IMAGES 50

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56 HOW MANY WORKDAYS / YEAR DAYS 58

60 EXECUTE CALCULATION 62 RESET VALUES

FIG. 4

**RADIOLOGICAL IMAGE ARCHIVING SYSTEM
JUSTIFICATION CONFIGURATOR**

40 PLEASE FILL OUT THE FOLLOWING INFORMATION: 42

44 HOW MANY EXAMS / DAY	20	EXAMS 46
48 HOW MANY IMAGES / EXAM	300	IMAGES 50
52 HOW MANY MB / IMAGE	.5	MBs 54
56 HOW MANY WORKDAYS / YEAR	300	DAYS 58

56 **EXECUTE CALCULATION** **RESET VALUES**

STORAGE:

TOTAL GB / YEAR	900	GB 64
ONLINE STORAGE	1.8	MONTHS 66
120 CD	2	MONTHS 68
480 CD	8.2	MONTHS 70
1 TB DLT	26	MONTHS 72

ESTIMATED MOD (1.3 GB) COSTS: 74

692	DISKS PER YEAR
76 \$69,230.00	COST OF DISKS / YEAR
78 15	FILM PER EXAM (20 UP)
80 \$1.00	\$ SHEET OF FILM
82 \$99,000.00	COST OF FILM / YEAR
84 \$168,230.00	COST OF FILM AND MOD / YEAR

SAVINGS:

86 3	FILM PER EXAM
88 \$1.00	\$ SHEET OF FILM
90 \$19,800.00	COST OF FILM / YEAR
92 \$79,200.00	FILM SAVINGS / YEAR
94 \$69,230.00	MOD SAVINGS / YEAR
96 \$148,430.00	TOTAL SAVINGS / YEAR

SUGGESTED CONFIGURATION:

98 \$195,000.00	SUGGESTED RADIOLOGICAL IMAGE ARCHIVE SYSTEM
100 15	MONTHS TO PAYBACK
102 \$6,388.00	MONTHLY LEASE PAYMENTS (36 MONTH LEASE)

FIG. 5